



United States Department of Agriculture
National Agricultural Statistics Service, Kansas Field Office



WHEAT QUALITY

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

PO Box 3534 • Topeka KS 66601-3534 • (785)233-2230 • www.nass.usda.gov/ks • nass-ks@nass.usda.gov

SPECIAL PRESS RELEASE

Released: September 4, 2009

TEST WEIGHT UP BUT PROTEIN DOWN FROM LAST YEAR

Preliminary data from 11,582 carlot samples from 49 counties showed an average test weight of 61.0 pounds per bushel, according to Kansas Agricultural Statistics and the Kansas Grain Inspection Service Inc. For comparison purposes, last year's crop averaged 60.4 pounds, while the 10-year average from 1998-2007 is 60.3 pounds per bushel.

Protein averaged 11.6 percent, down from 12.4 percent for 2008 and 12.2 percent for the 10-year average. Moisture content averaged 11.2 percent, down from 11.3 percent for last year and 11.5 percent for the 10-year average.

Samples of wheat grading No. 1, at 90 percent, were up 19 points from the 71 percent last year. Nine percent graded No. 2, compared to 26 percent in 2008. Only 1 percent graded No. 3 or below. Wheat samples averaged 0.4 percent damaged kernels, compared with 0.6 for 2008 and 0.3 for the 10-year average. Samples tested had 0.1 percent foreign material on average, the same as both 2008 and the 10-year average. Shrunken and broken kernels averaged 1.2 percent, compared with 1.3 in 2008 and 1.4 for the 10-year average. Total defects averaged 1.7 percent, compared with 1.9 in 2008 and 1.8 for the 10-year average. Average dockage for all samples is 0.5 percent compared to 0.6 percent last year.

There were 6,918 samples voluntarily submitted for inspection in the 2009 crop year. The test weight for these samples averaged 60.7 pounds per bushel, 11.5 percent protein, and 11.3 percent moisture. These submitted samples graded No. 1, 77 percent; No. 2, 20 percent; and 3 percent other grades .

This is the only wheat quality release to be made during the 2009 wheat harvest. Test weight, protein content, grade and defect determinations are made by the Kansas Grain Inspection Service Inc. The data are summarized by Kansas Agricultural Statistics. Collection and publication services are funded by the Kansas Wheat Commission.

Wheat Quality Data, 2008-2009 and 10-year Average

District & Year ¹	Samples Tested ²	Test Weight	Protein ³	Moisture	Grade			Defects				Average Dockage All Samples
					1	2	All Other Grades	Damaged Kernels (Total)	Foreign Material	Shrunken & Broken Kernels	Total ⁴	
		<i>Lbs.</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent of Samples</i>	<i>Percent of Samples</i>	<i>Percent of Samples</i>	<i>Average Percent</i>	<i>Average Percent</i>	<i>Average Percent</i>	<i>Average Percent</i>	<i>Percent</i>
Northwest												
2009	2,096	61.0	11.6	12.1	90	9	1	0.3	0.0	0.8	1.1	0.5
2008	1,535	61.0	12.6	11.3	90	7	3	0.3	0.0	1.1	1.5	0.5
1998-2007 AVG		59.6	13.0	11.0				0.3	0.0	1.5	1.8	
West Central												
2009	1,277	61.9	11.7	11.0	98	2	0	0.1	0.0	1.2	1.4	0.5
2008	796	60.9	12.7	11.2	81	19	0	0.2	0.0	1.2	1.4	0.6
1998-2007 AVG		60.2	12.4	11.2				0.4	0.0	1.5	2.0	
Southwest												
2009	2,111	61.0	12.3	10.7	96	4	0	0.2	0.0	1.6	1.9	0.6
2008	1,596	60.0	13.4	10.9	74	25	1	0.2	0.0	1.4	1.5	0.6
1998-2007 AVG		60.6	12.8	11.1				0.3	0.0	1.5	1.8	
North Central												
2009	1,993	61.7	11.7	11.6	97	3	0	0.3	0.1	1.2	1.5	0.4
2008	2,735	60.4	12.2	11.5	78	22	0	0.6	0.1	1.3	2.0	0.5
1998-2007 AVG		60.5	12.2	11.7				0.3	0.1	1.2	1.6	
Central												
2009	2,182	61.4	11.5	10.9	88	12	0	0.2	0.1	1.2	1.5	0.5
2008	2,356	60.7	12.0	11.3	62	37	1	0.6	0.1	1.4	2.0	0.6
1998-2007 AVG		60.5	12.1	11.9				0.4	0.1	1.3	1.8	
South Central												
2009	1,646	60.5	11.6	10.9	75	23	2	0.4	0.2	1.4	1.9	0.5
2008	1,822	60.0	12.1	11.4	45	45	10	0.8	0.2	1.5	2.5	0.6
1998-2007 AVG		60.4	11.8	11.8				0.4	0.2	1.4	1.9	
Northeast												
2009	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
2008	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
1998-2007 AVG		61.6	11.3	12.3				0.3	0.0	0.9	1.2	
East Central												
2009	43	60.0	11.5	11.7	47	44	9	1.5	0.2	1.2	2.8	0.6
2008	134	57.7	11.6	12.6	9	44	47	3.6	0.1	1.4	5.1	0.8
1998-2007 AVG		60.2	11.1	12.2				0.8	0.1	1.0	1.9	
Southeast												
2009	234	57.5	10.9	11.3	0	25	75	2.8	0.1	1.5	4.4	0.6
2008	271	54.9	10.8	12.1	0	2	98	6.3	0.1	1.3	7.7	0.9
1998-2007 AVG		59.2	11.0	12.4				0.9	0.1	1.1	2.1	
STATE												
2009	11,582	61.0	11.6	11.2	90	9	1	0.4	0.1	1.2	1.7	0.5
2008	11,245	60.4	12.4	11.3	71	26	3	0.6	0.1	1.3	1.9	0.6
1998-2007 AVG		60.3	12.2	11.5				0.3	0.1	1.4	1.8	

¹ 2009 includes samples from June 15, 2009 – August 20, 2009. 2008 includes samples from June 15 – August 14, 2008.

² Samples tested represent data from inspection certificates of railroad cars (truckloads are converted to carlot equivalents). Summarized data include old crop and new crop wheat moving from first point of sale and inspected by the Kansas Grain Inspection Service, Inc.

³ Protein content is on a 12% moisture basis.

⁴ Total defects may not sum due to rounding.